

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/00112

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G07F7/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 191 193 A (LE ROUX JEAN-YVES) 2 March 1993 (1993-03-02) abstract column 1, line 24 -column 2, line 42 column 3, line 38 -column 4, line 51 column 5, line 30 - line 35 column 5, line 52 -column 6, line 2 figures 1,2	1,2,6
Y	US 3 696 335 A (LEMELSON JEROME H) 3 October 1972 (1972-10-03) abstract column 2, line 23 -column 3, line 44 column 12, line 4 - line 15 figure 1	1-4,6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

15 May 2003

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5191193	A	02-03-1993	FR 2653248 A1	19-04-1991
			CA 2027344 A1	14-04-1991
			DE 69014817 D1	19-01-1995
			DE 69014817 T2	22-06-1995
			EP 0423035 A1	17-04-1991
			ES 2066169 T3	01-03-1995
			JP 1884135 C	10-11-1994
			JP 3241463 A	28-10-1991
			JP 6009051 B	02-02-1994
			KR 147360 B1	01-12-1998
US 3696335	A	03-10-1972	US 3812461 A	21-05-1974
			US 3940795 A	24-02-1976
WO 0008610	A	17-02-2000	WO 0008610 A1	17-02-2000
EP 0427465	A	15-05-1991	US 5120939 A	09-06-1992
			CA 2023872 A1	10-05-1991
			DE 69016589 D1	16-03-1995
			DE 69016589 T2	07-09-1995
			EP 0427465 A2	15-05-1991
			JP 1921556 C	07-04-1995
			JP 3158955 A	08-07-1991
			JP 6052518 B	06-07-1994
EP 0378349	A	18-07-1990	US 4908521 A	13-03-1990
			AT 110868 T	15-09-1994
			AU 613574 B2	01-08-1991
			AU 4708389 A	19-07-1990
			CA 2007234 A1	10-07-1990
			DE 69011877 D1	06-10-1994
			DE 69011877 T2	20-04-1995
			EP 0378349 A2	18-07-1990
			ES 2063911 T3	16-01-1995
			JP 2226362 A	07-09-1990
			JP 2714869 B2	16-02-1998
			NO 900103 A	11-07-1990